Epidemic Control Efforts and Resultant Key HIV Trends in Bangkok (2018-2020)

Presenter

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Adherence 2022 • November 7-9 • Washington, DC
BACKGROUND

Achieving epidemic control requires steady efforts to maintain progress across the prevention and care continua.

Fast-Track Cities focus on addressing gaps related to service delivery to attain the 95-95-95 targets. Notable progress on reaching HIV targets have been achieved in Bangkok.
Bangkok has implemented several key interventions across the HIV Care Continuum towards 95-95-95 and epidemic control. Of note, some of the innovative interventions were documented in the Bangkok Fast-Track City Report 2015-2020 which included:

- The Reach-Recruit-Test-Treat-Prevent-Retain (RRTTTPR) approach
- The Key Population Led Health Services model (KPLHS)
- Same-Day ART (SDART)
- Differentiated Service Delivery (DSD) to scale-up testing, prevention and treatment.
KPLHS differentiated service delivery along Reach-Recruit-Test-Treat-Prevent-Retain cascade

Identify populations with extremely high HIV prevalence and incidence

Online or offline, to provide HIV education, promotional materials, condoms, and lubricants

Provide HIV counseling and testing by lay providers

ART dispensing according to differentiated service delivery model and condom & lubricant provision

Serve PLHIV on stable ART to reduce burden on hospitals

Ensure treatment adherence

Encourage HIV-negative clients to continue testing regularly

Prevent

Provide PrEP/PEP and condoms & lubricants

Dispense PrEP and PEP to clients at high risk for HIV

Reach

Recruit

Test

Treat

Retain

Referral to community health centers and provide registration support

Source: USAID Linkages Thailand/Thai Red Cross AIDS Research Center (TRCARC)
METHODOLOGY

As part of the Fast-Track cities initiative, data were requested annually from the Bangkok Metropolitan Administration (BMA). All the data collection and reporting was done by the BMA at city level in Bangkok and were shared by the Bangkok Fast-Track Cities Committee.

An analysis of data from 2018 to 2020 was conducted to examine progress of

- 95-95-95 targets
- Prevalence
- Incidence
- Mortality rates

in the city of Bangkok.
Bangkok’s 95-95-95 trends have shown significant improvement from baseline to 2020; the 1\textsuperscript{st} 95 increased by 5 percentage points, the 2\textsuperscript{nd} 95 increased by 17 percentage points, showing substantial progress between 2019 and 2020.

Additionally, the 1\textsuperscript{st} and 3\textsuperscript{rd} 95 targets were exceeded in 2019 and 2020.
Bangkok Prevalence Rate Trends 2018-2020

![Bangkok Prevalence Rate Trends 2018-2020](image)
Bangkok Incidence Rate Trends 2018-2020
Bangkok Mortality Rate Trends 2018-2020
CONCLUSION

• Bangkok has made substantial progress on 95-95-95 targets, HIV incidence, prevalence and mortality rates from 2018-2020
• The innovative interventions in prevention, targeted HIV service delivery, and treatment adherence outlined in the Bangkok Fast-Track City report 2015-2020 contributed to this progress.
Acknowledgements

- Bangkok Metropolitan Administration (BMA).
- Bangkok Fast-Track Cities Committee
- UNAIDS Thailand Country Office
- IAPAC and FTCI Team Members:
  - Jessica Tiah Mullen (International Association of Providers of AIDS Care (IAPAC), Washington, DC, USA)
  - Imane Sidibé (International Association of Providers of AIDS Care (IAPAC), Washington, DC, USA)
  - Sindhu Ravishankar (International Association of Providers of AIDS Care (IAPAC), Washington, DC, USA; Fast-Track Cities Institute (FTCI), Washington, DC, USA)
  - Chris Duncombe (International Association of Providers of AIDS Care (IAPAC), Washington, DC, USA)
  - José M. Zuniga (International Association of Providers of AIDS Care (IAPAC), Washington, DC, USA; Fast-Track Cities Institute (FTCI), Washington, DC, USA)
THANK YOU